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before that date satisfactory proof shall be given to the Society that the process of Mr. Wootten has been invented and successfully put in use by other parties prior to the date of his patent therefor.

"Such proof must be in writing and be filed before February 1, 1878, with the undersigned, one of the Secretaries of the Society, at the Hall, No. 104 South Fifth street, Philadelphia.

"Insert in two daily papers a week for six weeks."

The Treasurer having announced to the Society that \$4,000 of the United States 5-20 loan had been called in—
On motion, it was

Resolved, That the Treasurer of the Society, J. Sergeant Price, be authorized under the seal of the Society, to sign the necessary transfer of the \$4,000 U. S. Loan called in by the Government, and receive the proceeds thereof.

Resolved, That the Treasurer be authorized to re-invest the proceeds of the U. S. Loan about to be paid off under directions of the Finance Committee of the Society.

The following letter to the Curators respecting the Peale Collection was laid before the Society :

ACAD. NAT. SCIENCE, PHILA., October 25, 1877.

Hector Tyndale, Esq., Charles M. Cresson, M.D., Curators of the Amer. Phil. Society.

GENTLEMEN :—I have had the pleasure to receive your communication of the 18th inst., authorizing the transfer of the Peale Collection of relics of the Stone-age to the custody of this Academy, on condition that the said collection shall be returned to the American Philosophical Society on demand.

After the transfer has been made a receipt for the collection will be given.

Very respectfully,

W. R. W. RUSHENBERGER,

Pres. Acad. Nat. Sci. of Phila.

And the meeting was adjourned.

Stated Meeting, November 16, 1877.

Present, 16 members.

Vice-President Mr. FRALEY in the Chair.

Visitor Mr. Hendricks.

A letter was received from the Academy of Natural Sciences of Philadelphia, announcing that they had received

“a Collection of specimens of the Stone Age of the Human Race, as collected and arranged by Franklin Peale,” deposited by the American Philosophical Society in the Cabinet of the Academy, upon condition of being returned on demand.

Letters of acknowledgment were received from the K. K. Ast. Obs. Prag, October 18, 1877 (95, 97, 98); R. Obs. Brussels, October 19, 1877 (Trans. O. S. 6 Vols; N. S. I, II, III, V, X to XIII, and Proceedings Nos. 7, 13, 62, 96, 98, 99); R. Geological Soc. of Ireland (99).

A letter was received from D. H. Scheffler, dated Braunschweig, September 25, 1877, asking permission to make a donation to the Library of his work on Physics, the first two parts of which were lain upon the table.

Donations for the Library were received from the Mining Bureau, Melbourne; F. Holmgren, Prof. Phys. Upsal; Prussian Academy; D. H. Scheffler; Flora Batava; Geographical Society, Annales des Mines, R vue Politique, Paris; London Nature; Boston Nat. Hist. Society; Am. Journal S. & A.; Acad. Nat. Sciences, Franklin Institute, College of Pharmacy, Med. News, Penn Monthly, Philadelphia; U. S. War Department, and Engineer’s Dept. U. S. A. Washington; and the Meteorological Observatory at Mexico.

Mr. Eli K. Price read the first portion of a paper on Sylviculture. See page 197.

Proceedings of the last meeting of the Board of Officers and Council were submitted.

Pending nominations Nos. 840 to 850 were read.

Mr. Fraley reported the receipt of the quarterly interest on the Michaux Legacy, due October 1st, and its payment to the Treasurer.

Dr. Cresson offered the following resolution :

Resolved, That the Curators be directed to make arrangements for the deposit of the collections of Mexican, Peruvian and other Relics belonging to the Society in the Academy of Natural Sciences, under agreement that the said collections shall be returned on demand.

The motion was seconded and agreed to.

Prof. Frazer offered the following resolution :

WHEREAS, The prosecution of certain lines of original research simultaneously by a number of able observers has led to confusion as to the authors of specific names to whom the merit of discovery should be assigned, and

WHEREAS, There seems to be a difference of understanding the term publication, and

WHEREAS, It is earnestly desired by the workers in the above-mentioned fields that the date allowed to a description of a species should be as soon as possible after the discovery which that description implies, therefore

Resolved, That this Society will accept as the date of the discovery of a species the date at which a careful and comprehensive abstract of such discovery or discoveries shall have been published in any public journal or magazine,

Provided, That the terms of the abstract shall sharply and distinctly define what has been discovered, and how far these discoveries may be considered by their author to affect scientific questions, and

Provided, That no additions or modifications of such abstract be permitted.

On motion, the above preamble and resolution were referred to the Secretaries.

And the Society was adjourned.

Stated Meeting, December 7, 1877.

Present, 11 members.

Vice-President Mr. FRALEY in the Chair.

Letters of acknowledgment were received from the R. S. New S. Wales, Sydney, October 12 (96); K. K. Geol. R. Vienna, November 4 (99); Royal Ast. S., London, November 12 (99); Radcliffe Observatory, Oxford, October 4 (99); and Dr. Siemens, Westminster, S. W. London, September 27 (97, 98, 99).

Letters of envoy were received from the K. K. Hoffbuchhandlung, Wien, Graben 27, October 30, asking exchanges; N. Gesell, Freiberg i. B. August 8; the Batavian Society, Rotterdam, May, 1877; and the Holland Society at Harlem.

Donations for the Library were received from Mr. John